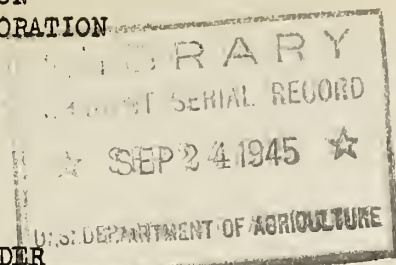


## **Historic, Archive Document**

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9422  
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WAR FOOD ADMINISTRATION  
COMMODITY CREDIT CORPORATION  
Office of Supply  
425 Wilson Building  
Dallas 1, Texas



Approximate Time  
First Part 5 Minutes  
Second Part  $3\frac{1}{2}$  Minutes  
June 4, 1945  
No. 23

1. MUSIC: UP AND UNDER

2. ANNOUNCER: Radio Station \_\_\_\_\_ presents...FOOD FRONT HEADLINES...a behind-the-scene story on how our food moves from farms to battle lines...from ships to Allied supply depots...from grocery shelves to civilian tables...and here with the latest check on the ever-popular subject of wartime food is one of our favorite visitors of late, \_\_\_\_\_, War Food Administration's district representative. What's cooking today, \_\_\_\_\_? I'll bet it's good.

3. DIST. REP: Smells a little like beans, cabbage and carrots, \_\_\_\_\_. A few turnip greens maybe...and some fresh fruit thrown in for good measure.

4. ANNOUNCER: All in the same pot? Can't say it sounds very appetizing to me.

5. DIST. REP: All kidding aside, \_\_\_\_\_, I was thinking about the cooking that's going on in a lot of homes now...and how everybody is being encouraged to do the same thing.

6. ANNOUNCER: I get it. You're talking about the big Home Food Supply Program that received a nation-wide send off a few days ago. Where President Truman and several other national leaders asked everybody to pitch in and raise, can and save more food this year than ever before.

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7. DIST. REP: Exactly. It's one of the nation's most important wartime programs on the home front this year.
8. ANNOUNCER: And whether it goes over the top or not is going to depend on each individual doing his share of the job.
9. DIST. REP: That's the only way it can be a success, \_\_\_\_\_. From the way our supply picture looks now on processed fruits and vegetables, I think the amount of certain kinds we get in the future is going to depend largely on what we put up now. At least, a lot more home canned foods will certainly take the pressure off fruits and vegetables which aren't going to be as plentiful in stores as we're accustomed to. And it'll certainly help make the supply go farther.
10. ANNOUNCER: Demands are high for all kinds of processed foods. There's no doubt about that. The armed forces have first call on nearly all of the popular varieties and they're taking a large slice of the supply.
11. DIST. REP: Don't forget civilian demand. It's probably higher now than at any time during the war...and chances are it'll get bigger...not less. This means a little heavier drain on supplies this year.
12. ANNOUNCER: Heavy military needs coupled with a big civilian demand can soon take up the supply. In fact, if I remember correctly, the amount of canned fruits and vegetables that will be available for civilians this year is less than at any time during the war.

The first part of the paper is devoted to a general discussion of the problem of the origin of life. It is shown that the problem is not only a scientific one, but also a philosophical one. The scientific aspect of the problem is concerned with the question of how life arose from non-living matter. The philosophical aspect is concerned with the question of whether life is a necessary part of the universe or whether it is a mere accident.

The second part of the paper is devoted to a discussion of the various theories of the origin of life. It is shown that there are three main theories: the theory of spontaneous generation, the theory of panspermia, and the theory of abiogenesis. Each of these theories is discussed in detail, and the evidence for and against each is presented.

The third part of the paper is devoted to a discussion of the evidence for the origin of life. It is shown that there is a great deal of evidence in favor of the theory of abiogenesis. This evidence includes the discovery of the fossil record, the discovery of the chemical evolution of life, and the discovery of the genetic code.

The fourth part of the paper is devoted to a discussion of the implications of the origin of life. It is shown that the origin of life has important implications for our understanding of the universe. It is also shown that the origin of life has important implications for our understanding of ourselves.

The fifth part of the paper is devoted to a discussion of the future of the study of the origin of life. It is shown that there is still a great deal to be learned about the origin of life. It is also shown that the study of the origin of life is becoming increasingly important.

The sixth part of the paper is devoted to a discussion of the conclusion of the study. It is shown that the origin of life is a complex problem that requires further study. It is also shown that the origin of life is a problem that is of great importance to all of us.

The seventh part of the paper is devoted to a discussion of the bibliography. It is shown that there is a great deal of literature on the origin of life. It is also shown that the literature on the origin of life is becoming increasingly important.

The eighth part of the paper is devoted to a discussion of the index. It is shown that there is a great deal of information in the index. It is also shown that the index is becoming increasingly important.

The ninth part of the paper is devoted to a discussion of the appendix. It is shown that there is a great deal of information in the appendix. It is also shown that the appendix is becoming increasingly important.

The tenth part of the paper is devoted to a discussion of the conclusion. It is shown that the origin of life is a complex problem that requires further study. It is also shown that the origin of life is a problem that is of great importance to all of us.

The eleventh part of the paper is devoted to a discussion of the bibliography. It is shown that there is a great deal of literature on the origin of life. It is also shown that the literature on the origin of life is becoming increasingly important.

The twelfth part of the paper is devoted to a discussion of the index. It is shown that there is a great deal of information in the index. It is also shown that the index is becoming increasingly important.

13. DIST. REP: That's right, it is. Canned fruits for this pack year are only about half of what they were before the war...and canned vegetables are down more than a third. That's why the Home Food Supply Program is doubly important.
14. ANNOUNCER: The way I look at it, there's still time to do something about this fruit and vegetable proposition.
15. DIST. REP: Exactly, and that's what I'm coming to. The national Food Supply Program stresses two kinds of gardens...spring and fall. Those who don't have gardens now...and where it's a little late to start one...can certainly make a few plans ahead and have an early fall garden.
16. ANNOUNCER: Sure they can...and those who have spring gardens can come back with an early fall garden, too. And this will add to the total food supply.
17. DIST. REP: Fortunately for those who don't have a garden, grocery bins are pretty well stocked with fresh fruits and vegetables now and will be for several weeks. Some of this supply can be canned for use later on.
18. ANNOUNCER: That's not only a good investment for variety in meals next winter but it assures full use of perishable foods which won't keep too long once they're harvested.
19. DIST. REP: Here's another favorable situation, \_\_\_\_\_. We have a lot of Victory Gardens this spring. And some of those gardens are going to produce more than some families will eat and can. So what's left over can be sold or given to friends and neighbors who don't have gardens.







20. ANNOUNCER: Sounds like a swell idea. Then none of the food will go to waste. Besides it will mean an extra can of corn or can of beans next winter. But what about canning equipment, \_\_\_\_\_? Is there going to be enough to go around?
21. DIST. REP: Suppose we take pressure cookers first. They're needed for all vegetables, with the possible exception of tomatoes. Manufacturers have been given the go sign on more than a half million pressure cookers this year...That's quite a few more than were allotted last year.
22. ANNOUNCER: Will they be rationed as they were a year or two ago?
23. DIST. REP: No. They can be bought wherever you find them.
24. ANNOUNCER: What about lids and jar rings?
25. DIST. REP: The supply should be adequate this year. All restrictions have been lifted on their manufacture...and in addition a considerable inventory was left over from last year. Jar rings will probably be made again from synthetic and reclaimed rubber, but they're supposed to be of better quality.
26. ANNOUNCER: Suppose I want to can a little fruit. What about sugar?
27. DIST. REP: The canning of foods needing sugar is being stressed to the extent sugar is available. As you know, sugar supplies are feeling the pinch of a long war.

1. The first part of the paper is devoted to a general discussion of the problem.

2. In the second part we consider the case of a single particle.

3. In the third part we consider the case of a system of particles.

4. In the fourth part we consider the case of a continuous medium.

5. In the fifth part we consider the case of a system of continuous media.

6. In the sixth part we consider the case of a system of continuous media with internal structure.

7. In the seventh part we consider the case of a system of continuous media with internal structure and external forces.

8. In the eighth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field.

9. In the ninth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field.

10. In the tenth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field.

11. In the eleventh part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field.

12. In the twelfth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field.

13. In the thirteenth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field and a vector field.

14. In the fourteenth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field and a vector field and a tensor field.

15. In the fifteenth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field and a vector field and a tensor field and a spinor field.

16. In the sixteenth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field and a vector field and a tensor field and a spinor field and a superfield.

17. In the seventeenth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field and a vector field and a tensor field and a spinor field and a superfield and a gauge field.

18. In the eighteenth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field and a vector field and a tensor field and a spinor field and a superfield and a gauge field and a fermion field.

19. In the nineteenth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field and a vector field and a tensor field and a spinor field and a superfield and a gauge field and a fermion field and a boson field.

20. In the twentieth part we consider the case of a system of continuous media with internal structure and external forces and a magnetic field and a gravitational field and a radiation field and a matter field and a scalar field and a vector field and a tensor field and a spinor field and a superfield and a gauge field and a fermion field and a boson field and a graviton field.

28. ANNOUNCER: At any rate, we can all help get over the hump this year by going all-out for more canned vegetables and as many jars of fruits as we possible can. And that, ladies and gentlemen, is the latest check we have on the supply of processed foods this year. Listen next \_\_\_\_\_ to FOOD FRONT HEADLINES... presented as a public service feature by Radio Station \_\_\_\_\_ in cooperation with the War Food Administration to bring you inside facts from authoritative sources about what's happening on the agricultural firing line.

NOTE TO DISTRICT REPRESENTATIVE: IF YOU  
HAVE MORE THAN FIVE MINUTES, CUT CUE NO.  
28 AND CONTINUE WITH CUE NO. 29.

29. ANNOUNCER: The canning centers which have proved very popular for the past few years should come in handy again this year.

30. DIST. REP: I'm sure they will, \_\_\_\_\_. We've got about 6-thousand of them scattered throughout the nation...several in this section of the state. If they're operated at high speed production, they'll certainly account for a lot of canned foods this year.

31. ANNOUNCER: I imagine so. They come in mighty handy, especially since they're already equipped with large pressure canners which are scarce.

32. DIST. REP: And trained supervisors. Don't forget them. They're doing a mighty important job of supervising and teaching the best methods of canning.



33. ANNOUNCER: At any rate, the big canning program is certainly a challenge to all of us.
34. DIST. REP: Not only a challenge to raise, can and preserve more food but to go over the mark set last year, which was a very good record.
35. ANNOUNCER: I'll say it was. Home canning last year accounted for nearly half of the total civilian supply of canned vegetables and about two-thirds of the canned fruits.
36. DIST. REP: A large percent of this canned food was done by people who ordinarily don't do a lot of home canning.
37. ANNOUNCER: Which is a mighty good way to help out American farmers who're carrying a big production load.
38. DIST. REP: That reminds me, \_\_\_\_\_. I received a few figures the other day showing just how much food farmers have been producing during this war, compared to what they produced the other war.
39. ANNOUNCER: I know it's quite a lot more. Do you happen to remember what some of the figures looked like?
40. DIST. REP: A few of them. For one thing farmers have produced fifty percent more food annually in this war than in World War One.
41. ANNOUNCER: Largely because they stepped up production of the kinds of foods we needed more of...and cut down on some of the less essential kinds.

The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atom. It is shown that the structure of the atom is determined by the laws of quantum mechanics, and that the laws of quantum mechanics are based on the principle of the conservation of energy.

The second part of the paper is devoted to a discussion of the structure of the atom. It is shown that the structure of the atom is determined by the laws of quantum mechanics, and that the laws of quantum mechanics are based on the principle of the conservation of energy.

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The tenth part of the paper is devoted to a discussion of the structure of the atom. It is shown that the structure of the atom is determined by the laws of quantum mechanics, and that the laws of quantum mechanics are based on the principle of the conservation of energy.



42. DIST. REP: That's right. They went into this war with production goals to meet. So much corn...so much wheat...so many vegetables...also fruits...and so much of other important foods which were needed. It was a planned production program from the start. The same kind industry had. So many tanks...so many planes...so many aircraft carriers...so many rounds of ammunition. It was a program so everything would balance out...Not end up with too much of one thing and not enough of another.
43. ANNOUNCER: These big farm production goals have been met with a lot less of many things, especially farm help.
44. DIST. REP: I think it figures about 10 percent less. Also less machinery and other handicaps. Another thing, there are more mouths to feed this time. The population of this country, for instance, is up about a third from what it was in 1918. But despite less farm help and more mouths to feed, our people have had 10 percent more food per capita than they got during the two war years of 1917 and 1918.
45. ANNOUNCER: In addition to this big demand, the number of men and women in the armed forces is a great deal larger, too. And this means lots and lots of food...more for those in this country and bigger shipments overseas.
46. DIST. REP: About twice as much per year has gone for these purposes as was used each year the other time. I believe when the history of this war is written there'll be a big tribute given to American farmers and the big job they did...It's one of the best of the war.



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1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as  $t \rightarrow \infty$ . It is shown that the solutions of the system (1) tend to zero as  $t \rightarrow \infty$  if and only if the matrix  $A$  is stable. The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as  $t \rightarrow \infty$  if the matrix  $A$  is not stable. It is shown that the solutions of the system (1) tend to infinity as  $t \rightarrow \infty$  if and only if the matrix  $A$  is not stable.

47. ANNOUNCER: Yes, it ranks alongside the best of them. Meanwhile, what we need now is more spring gardens and more fall gardens. More home canning and food preservation so we'll have more canned fruits and vegetables this year. It's a big job but it's not too big if everybody pitches in and does his part. Thanks a lot, \_\_\_\_\_, for being with us today. Listen next \_\_\_\_\_ to FOOD FRONT HEADLINES... presented as a public service feature by Radio Station \_\_\_\_\_ in cooperation with War Food Administration, to bring you inside facts from authoritative sources about what's happening on the agricultural firing line.

